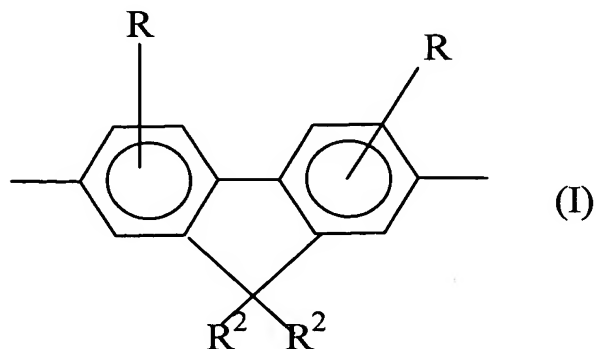


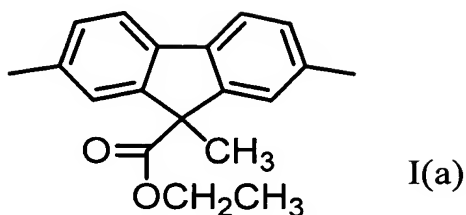
**Amendments to Claims**

1. (Canceled)
2. (Canceled)
3. (Canceled)
4. (Canceled)
5. (Canceled)
6. (Canceled)
7. (Canceled)
8. (Canceled)
9. (Canceled)
10. (Canceled)
11. (Canceled)
12. (Canceled)
13. (Canceled)
14. (Canceled)
15. (Canceled)
16. (Canceled)
17. (Canceled)
18. (Canceled)
19. (Canceled)

20. (Currently Amended) A process for preparing fluorene polymers having perfluoroalkyl groups, the steps comprising:

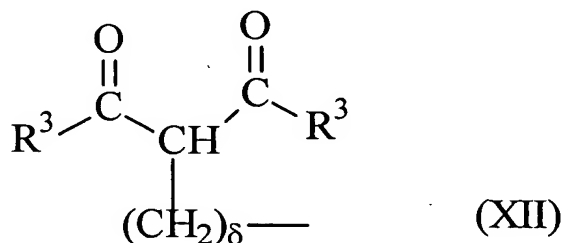
forming a polymer having at least one first monomeric unit having a  
Formulae I and I(a) shown in ~~Figure 1~~





where:

R is a substituent on a carbon atom in an aromatic ring, which can be the same or different at each occurrence and is selected from hydrogen, alkyl, aryl, heteroalkyl, heteroaryl, F, -CN, -OR<sup>1</sup>, -CO<sub>2</sub>R<sup>1</sup>, -C<sub>ψ</sub>H<sub>θ</sub>F<sub>λ</sub>, -OC<sub>ψ</sub>H<sub>θ</sub>F<sub>λ</sub>, -SR<sup>1</sup>, -N(R<sup>1</sup>)<sub>2</sub>, -P(R<sup>1</sup>)<sub>2</sub>, -SOR<sup>1</sup>, -SO<sub>2</sub>R<sup>1</sup>, -NO<sub>2</sub>, and beta-dicarbonyls having Formula XII shown in Figure 12 ;



or

adjacent R groups together can form a ring selected from 5-membered cycloalkyl, 6-membered cycloalkyl, 5-membered aryl, 6-membered aryl, 5-membered heteroaryl and 6-membered heteroaryl, such that:

R<sup>1</sup> is a substituent on a heteroatom which can be the same or different at each occurrence and is selected from alkyl, aryl, heteroalkyl and heteroaryl; and

ψ is an integer between 1 and 20, and θ and λ are integers satisfying Equation A1 below:

$$\theta + \lambda = 2\psi + 1; \quad (\text{Equation A1});$$

$R^2$  is a substituent on a carbon atom not in an aromatic ring, which can be the same or different at each occurrence and is selected from hydrogen, alkyl, aryl, heteroalkyl, heteroaryl and  $-C_\psi H_\theta F_\lambda$ , with the proviso that the polymer contains at least one R substituent with the formula  $-C_\psi F_{2\psi+1}$ ; treating the polymer with a perfluoroalkylating reagent selected from (i) a perfluoroalkyl iodide and (ii) a perfluoroalkylsulfonyl chloride in the presence of a ruthenium(II) catalyst.